

TR REQUEST CHECK

BR70-0533

Aviation Technical Handbook

Aleksandrov, V. G.; Mayorov, A. V.;

Pashestyuk, A. M.

Russ book: Aviatsionnyy Tekhnicheskiy

Spravochnik, Moscow, Izd-Vo Transport

1969, pp 1-495

*In Process as MT-24-126-70**Changed from HC-23-245-70
to MT-24-126-70*

Field Emission, by M. I. Talinson, G. P. Vasil'yev,
218 pp. (ID 2133456)

русск. яз. Avtoelektronnaya emissiya,

ACSI H-4806

Sci - Electron

Mar 60

110, 513

The Tendency of Manganese Ship-Building
Steel to Crack During Welding, by S.
Gintsburg, Z. B. Dreizenshtok.

RUSSIAN, per, Avto Delo, Vol XI, No 8,
~~XXX~~ 1940, USSR.

B.S.A. Res Group
OT/1311

Sci - Engineering, ~~Mining, Metals~~

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Preventing Explosions in Liquid-Air-Fractionating
Apparatus, by P. Z. Burbo, I. F. Ishkin.

RUSSIAN, per, Avtogen Dalo, No 1, 1941.

AEC Tr

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Scientific - Engineering

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FEDOTOV, L.

Avtogennoe Delo, vol. 12, 850 words; 1941.

Welding Chromium-nickel Stainless to Plain
Carbon Steel.

Brutcher Trans, Order No. 1135, \$1.20

A Method of Determining the Tendency of
Steel to Crack on Welding, by Ya. S.
Gintsburg, Z. B. Dreizenshtok, E. B.
Kharabkovskiy.

RUSSIAN, per, Avto Delo, Vol XII, No 3,
1941.

B.S.A. Res Group
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Sci - Engineering, ~~Metals/Materials~~

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The Weldability of Special Steels, by A. M.
Shashkov.

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Sci - Engineering, ~~Minerals/Metals~~

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SECHERANENKO, A.

Avtogennoe Delo, vol. 8, nos. 11-12, 2 figures;
3 tables, 1800 words; 1946.

An Experiment in Arc Welding with Paired
Electrodes.

Brutcher Trans, Order No. 2085, \$3.15

RABKIN, D. M.
MEDOTAR, B. I.

Avtogennoe Dalo, vol. 17, 1946, No. 1, pp. 11-12;
1 table, 1400 words.

Influence of Particle Size of Flux upon Dimensions^J
of Weld in Undermilt Welding.

Butcher Trans, Order No. 1876, \$ 2.45.

TARAN, V.D.

AVTOBENZIN DELO, vol 17, No 2, 1946

Method of Determining the Weldability of Steel

Brutchen Trans 1874, \$2.65

TARAN, V. D.

Avtogennoe Delo, vol. 17, nos. 3-4, 9 figures,
2200 words; 1946.

Electric Welding with Series-fed Arcs.

Brutcher Trans, Order No. 1905, \$3.30

RABKIN, D. M.
MEDOVAR, B. I.

Avtogennoe Dalo, vol. 17, 1946, Nos. 5-6,
pp. 9-10; 1 figure, 2 tables, 1000 words.

On the Stabilizing Properties of Welding Fluxes.

Brutcher Trans, Order No. 1963, \$ 1.75.

SLUTSKAYA, T. M.

Avtogennoe Delo, vol. 17, no. 7, 10 figures,
3 tables, 2000 words; 1946.

Welding of Low Carbon Steel in Frosty
Weather.

Brutcher Trans, Order No. 1962, \$3.00

LIPETSEII, I. A.

Avtogennoe Delo, vol. 8, no. 2, 3 tables,
1500 words; 1947.

Melting Rate of Electrodes as Function of
Internal Energy of Crystal Lattice of
Oxides in Coating.

Brutcher Trans, Order No. 1996, \$2.65

Reactions of Silicon and Manganese in Submerged
Arc Welding of Low-Carbon Steel, by K. V. Lyubav-
skiy.

RUSSIAN, per, Avtogennoe Delo, Vol XVIII, No 7,
1947, pp 1-10.

Henry Bruteher 4331
\$12.75

Sci - Engr

Jan 59

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Facing of Steel with Bronze by Use of the Electric
ARC Arc, by V. A. Ivanov, A. V. Shardin, P. I. Shorin,
6 pp UNCLASSIFIED

RUSSIAN, pr, Avtogennos Delo, Vol XVIII, 1947,
p 28,

ARC Tr 1904
Brutcher Tr 2086,
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Scientific - Electricity

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TARAN, V.D.

Avtogennoe Delo, vol. 18, No. 9, 11 figures,
1 table, 4400 words; 1947.

On Welding in Wintry Weather.

Brutcher Trans., Order No. 2257, \$7.70.

Electrode Coatings for the Welding of Low Alloy
Steel, by A. N. Shashkov, S. K. Avegintsev,
E. N. Dubova.

RUSSIAN, per, Avto Delo, Vol XVIII, No 9, 1947,
pp 17-20.

Brutcher TR No 2191

Scientific - Minerals/Metals

\$5.75

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OSTAPENKO, N. G.
MEDOVAR, B. I.

Avtogennoe Selo, vol. 9, 1947, No. 11, pp. 16--20,
11 figures, 2500 words.

Radiographic Study of Arc Zone in Submerged
Automatic Welding.

Brutcher Trans, Order No. 2121, \$ 4.35.

Automatic Arc Welding of Structures of Low Carbon
Steel at Subnormal Temperatures, by B. I. Medovar,
A. E. Asnis.

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Brutcher Tr No 2162

Scientific - Minerals/Metals

\$4.85

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AVTOGENNOE DELO, vol 19, No 4, 1948

Coatings of Steel Electrodes for the Welding of Cast
Iron

Brutcher Tr 2163, \$4.35

(FDD 19624)

V. P. Nikitin, Scientist and Patriot, by G. A.
Maslov, 5 pp.

RUSSIAN, no par, Avtogen Delo, No 5, Moscow, May 1948,
p 15.

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Sci - Engineering, personalities

Mar 54 CTB

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SHABALIN, V.I.

AVTOGENNOE DELO, vol 19, #6, 1948

Some Cases of Failure of Welded Tanks at Low Temperature

SLA-R-1878

Brutcher Trans 2241, \$2.30

Antagon Dilo Vol 19, # 8, pp 22 (1948)

Quality Comparison Between Pressure
Welded Pipe and Arc Welded Pipe
S.M. Skarodzietzki

Butcher, Trans.* 2515

Interaction of Elements and Their Oxides in the
Weld Pool, by Dobrokhotoy. UNCL

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Sci - Chem

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Interaction Between Elements and Their Oxides in
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LAPIDUS, V. A.

Avtogennoe Delo, vol. 19, No. 12, 6 figures,
8 tables, 2900 words; 1948.

Electrodes for the Hard Facing of Cutting Tools.

Brutcher Trans, Order No. 2302, \$ 4.80.

Some Problems of Metallurgy in Connection
with Automatic Submerged-Arc. Welding of
12-8 T1 Steel, by K. V. Lyubavskiy, 15 pp.

RUSSIAN, per, Avtogennoe Delo, Vol XX, No 4,
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LAPITSKAYA, E. M.

Avtogennoe Delo, vol. 20, no. 4, 4 figures,
4 tables, 1650 words; 1949 *pp 7-9*

Automatic Arc Welding of 18-8 Ti Stainless
Steel.

Brutcher Trans, Order No. 2337, \$2.50

Flux Backings in the Submerged Arc Welding of Vessels,
by I. N. Gerasimenko

RUSSIAN, per, Avto Delo, Vol XX, 1949, No 5,
pp 16-17.

Butcher Jr. No 2999

SLA R-1882

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Scientific - Welding Price \$2.50

ZVEGINTSEVA, K. V.

Avtogennoe Delo, vol. 20, 1949, no. 7,
pp. 1-4; 8 figures, 5 tables, 2100 words.

Multiple Arc Welding.

Brutcher Trans, Order No. 2459, \$3.65

Antigen Del. #7, p18 (1949)

How an American Firm Appropriated a
Russian Invention

A. A. Vel'min

Sci Mus Lib
S.B - 50/2397

DEMYANISSEVICH, V. P.
BLOKH, I. A.

Avtoproizvodstvo, vol. 20, 1949, No. 9, pp. 3-6,
9 figures, 1 table, 2100 words.

**Submerged Automatic Welding at High Current
Densities.**

Brutcher Trans, Order No. 2480, \$ 3.85.

Induction Heat Treatment of Welded Joints of Carbon
Steel, by V. V. Aleksandrov, T. A. Vashchurova.

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RUSSIAN, *Delo*, Vol XX, *JPR* No 8, 1949, pp 20-23.
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Brutcher Tr 2529

Scientific - Min/Metals \$4.35

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Argon Data, No 9, 1949 pp. 10-14

"Electric Arc Welding of
Electron in an Argon Atmosphere"

Ts. S. Braude

Proj 8088

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(Addition of molybdenum to industrial steels) p 17
Extract from - 1-368
5820
Welding Steel 18-8 with Mo.
- I. Z. Kagan
SR 26 June '50

Autogennoye delo - 9/50 - p 28

" Method for Repair of Disk Milling
Cutters " - V. N. Gopin

T-368

Proj. No 7385

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Primary Structure and Causes of Weld Hot Cracking of
Chromansil-Type Steel, by S. V. Avakyan, M. F.
Lashko.

RUSSIAN, per, Avtogennoe Delo, Vol XXI, No 10, 1950.
pp 13-16.

Butcher Tr 3983
\$7.25

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RUSSIAN, Avtogennoe Delo, Vol 21, 1950, No 12, p 28

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Ways of Minimizing Porosity of Weld Metal in
Submerged Automatic Welding of Construction Sites,
by A. S. Pal'kevich

RUSSIAN, per, Avto Delo, Vol XIII, No 3, 1951,
pp 21-23.

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Scientific - Minerals/Metals
CIS/DEX Price \$4.90

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Is Columbium Necessary in the Filler Wire
for Welding 18-8 Stainless? by I. Z. Kagan,
7 pp.

RUSSIAN, per, Avtogenoe Delo, Vol XXII,
No 4, 1951, pp 26-27. (loan copy only)

SLA R-1863

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On the Mechanism of Starting the Arc in ²/_{Electric Weld}
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UNCLASSIFIED

RUSSIAN, Avto Delo, Vol XXII, 1951, No 8, pp 16-17.

Brutcher Order No 2992
Price \$3.45

Scientific - Metallurgy

461

On the Problem of Defining the Meaning of
the Term "The Weldability of Metals", by A. I.
Krasovskiy.

RUSSIAN, per, Avto Delo, Vol XXII, No 9,
1951.

B.S.A. Res Group
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Sci - Engineering, ~~Minerals/Metals~~

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On the Definition of the Term "Weldability,"
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RUSSIAN, per, Avto-Deło, Vol XXII, No 9,
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B.S.A. Res Group
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Sci - Engineering

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Definition of the Concept of "The Weldability
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Sci - Engineering, ~~Ministry, etc.~~

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The Effect of Chemical Composition of
Some Binary Aluminium Alloys on Their
Cracking Tendency in Gas Welding, by
S. V. Avakyan, N. F. Lashko.

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B.S.A. Res Group
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Sci - Engineering, ~~Mineralogy, Petrology~~

Chemistry

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THE EFFECT OF OXYGEN PURITY ON THE
FLAME GROOVING PROCESS. [1962] [18] p. 2 refs.
Order from OTS or SLA \$1.60 62-20161

Trans. of Avtogennoe Delo (USSR) 1951, v. 22
[no. 10] p. 13-16.

DESCRIPTORS: *Oxygen, Impurities, *Cutting
torches, Effectiveness, Experimental data.

Oxygen purity has a substantial effect on the oxygen
groove cutting process. Oxygen groove cutting on
ordinary low carbon steel is impossible when the
oxygen purity is less than 95%. For each grade of
oxygen purity, there is an optimum cutting speed
which corresponds to maximum cutting efficiency and
minimum specific oxygen consumption. When, in the
purity range of 99.5% to 97.0%, the oxygen purity is
(Machinery--Manufacturing, TT, v. 9, no. 11) (over)

62-20161

I. Ninburg, A. K.

Office of Technical Services

A Study of Welded Joints Between Stainless and
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Sci - Engineering, ~~Mineralogical~~

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The Effect of the Composition of Aluminium
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Welding, by S. V. Avakyan, N. F. Lashko.

RUSSIAN, per, Avto Delo, Vol XXII, No 12,
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Sci - Engineering, ~~Materials~~ ~~Metals~~

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Influence of Hygroscopic Moisture of Coating Upon
Some Properties of Welding Electrodes, by E. D.
Lonskii.

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Brutcher Tech Tr No 2814